

## **LISTING OF THE CLAIMS**

Claims 1 - 6 (cancelled)

Claim 7 (original): In a projectile having a means therein for guiding said projectile during its flight toward a selected target, said projectile further having a housing, an aft end and a longitudinal axis and rotating during flight in a first direction about said axis, a system for generating voltage output to power said guiding means, said generating system residing in said projectile and comprising: a turbine positioned within said housing, said turbine having a plurality of vanes; an electrical generator coupled to said turbine; an exhaust port located at said aft end to allow any exhaust gases to escape; a plurality of inlet holes, said inlet holes being located on said housing and being positioned so as to allow air to enter therethrough and impinge on said vanes and cause said vanes to rotate in a second direction; and a means for coupling said generator to said turbine so as to enable said turbine to drive said generator and cause said generator to produce voltage output, said voltage output being input to said guiding means to power said guiding means.

Claim 8 (original): A system for generating power for a guided projectile as set forth in claim 7, wherein said system further comprises: a capacitor coupled to said generator, said capacitor performing low-pass filtering to smooth said voltage output and to store said voltage output.

Claim 9 (original): A system for generating power as set forth in claim 8, wherein said second rotating direction is opposite from said first rotating direction.